INDEX

Abrams, Richard, 10

ABRAMS, RICHARD M., The U.S. Military and Higher Education: A Brief History, 15-28

Academic freedom, 19

Air Force Office of Scientific Research, 32, 43, 60, 66, 84, 97

Antiballistic missiles, 45-46

Antinuclear protest, 126-27

Applied Physics Laboratory, 99, 120-29

Army Research Office, 32, 43, 60, 66, 84, 97

Army Specialized Training Programs, 96

Arroyo Center, 74-75

Atomic Energy Commission, 32

Baranger, Elizabeth, 10

BARANGER, ELIZABETH UREY, see GER-JUOY, EDWARD, coauthor

California Institute of Technology (Cal Tech), 69, 74-75, 80

CAN UNIVERSITIES COOPERATE WITH THE DEFENSE ESTABLISHMENT? Carl Kaysen, 29-39

Carnegie-Mellon University, 75-76

Carter administration, 135

Charles Stark Draper Laboratory, 74

Classified research, 21-22, 23, 32, 35, 50-51, 55, 72, 74, 123, 126, 127, 128, 134, 135, 137-38, 148-49 see also Information transfer

Cold War, 21-22

Computer science, research in, 82-93, 133

Conscription, 112-16, 118-19

see also Selective Service

CONSEQUENTIAL CONTROVERSIES, David A. Wilson, 40-57

Cooper, Julian, 13

COOPER, JULIAN, The Military and Higher Education in the USSR, 108-19

Defense Academic Research Projects Agency, 43
Defense Academic Research Support Program, 10
Defense Advanced Language and Area Studies
Program, 106

Defense, Department of

opposition to Defense Department support of research, 73-75, 78-79, 126

skewing of science and research, 53-54, 71, 77, 78, 146-48, 150-51

support of research, 23-25, 26, 27, 36, 61, 66-73, 77, 78-79, 86, 89, 92-93, 97-100, 133, 138-39, 141-54

Defense Language Institute, 103

DeLauer, Richard, 13

DeLAUER, RICHARD D., The Good of It and Its Problems, 130-40

DoD, SOCIAL SCIENCE, AND INTERNA-TIONAL STUDIES, Richard D. Lambert, 94-107

DoD-University Forum, 136

ELECTRONICS AND COMPUTING, Leo Young, 82-93

Electronics, research in, 82-93

Export controls, 149

Federally Funded Research and Development Centers (FFRDCs), 33-34, 60-61, 69-70, 74, 80, 99, 132

Foreign language education, and the Defense Department, 102

General Defense Intelligence Program, 105

Gerjuoy, Edward, 10

GERJUOY, EDWARD and ELIZABETH UREY BARANGER, The Physical Sciences and Mathematics, 58-81

GOOD OF IT AND ITS PROBLEMS, THE, Richard D. DeLauer, 130-40

Graduate students, 56, 62-63, 69, 80-81, 135, 147, 149-50

Higher Education Act, 105

Information transfer, 55-56, 72-73, 76, 79

see also Classified research; Technology transfer International relations and strategic studies, relationship with the Defense Department, 101-2

Jet Propulsion Laboratory (JPL), 69, 120-29

Johnson, Lyndon B., 36

Joint Services Electronics Program (JSEP), 86-88

Kaysen, Carl, 10

KAYSEN, CARL, Can Universities Cooperate with the Defense Establishment? 29-39

Killian, James R., Jr., 21-22

Kistiakowsky, Vera, 14

KISTIAKOWSKY, VERA, Military Funding of University Research, 141-54

Korean War, 98, 143

Lambert, Richard, 13

LAMBERT, RICHARD D., DoD, Social Science, and International Studies, 94-107 Language and area studies, relationship with the Defense Department, 103-7

Los Alamos National Laboratory, 33

Mansfield Amendment, 27, 36, 51-52, 66-67, 77-78, 100, 139, 143

Massachusetts Institute of Technology (MIT), 10, 21-22, 69, 74, 151, 152-53

Mathematics, research in, 58-81

McCarthyism, 34-35, 98

MILITARY AND HIGHER EDUCATION IN THE USSR, THE, Julian Cooper, 108-19

MILITARY FUNDING OF UNIVERSITY RESEARCH, Vera Kistiakowsky, 141-54

Morrill Land-Grant College Act (1862), 9, 16, 18, 20

Muller, Steven, 13

MULLER, STEVEN, The View of the Big Performers, 120-29

National Academy of Science, 133-34

National Aeronautics and Space Administration (NASA), funding of research, 66

National Defense Act (1916), 19

National Defense Act (1920), 19

National Defense Education Act, 103, 105 National Defense Foundation (NSF), 32, 60, 61, 66,

78, 86, 97, 102, 143 National Security Agency, and support of foreign

language instruction, 102-3 Nixon administration, 135

Nixon, Richard M., 36-37

Office of Naval Research, 31-32, 41, 59-60, 66, 84, 97, 143

Pacifists, 118

Peer review, 21, 23, 32, 54-55

PHYSICAL SCIENCES AND MATHEMATICS, THE, Edward Gerjuoy and Elizabeth Urey Baranger, 58-81

Physical sciences, research in, 58-81

Project Camelot, 51, 100

Public service, 16-17, 19, 122, 128, 146, 151

Reagan administration, 24, 74

Reagan, Ronald, 37

Research grants, university dependence on, 80-81

Reserve Officers' Training Corps (ROTC), 19, 20, 25, 35, 49, 97

Rockefeller, Nelson, 134

Selective service, 49

see also Conscription

Social responsibility, 48, 151, 153

Social science, and relationship with the Defense Department, 99-101

Software Engineering Institute, 75-76

Stanford Linear Accelerator Center Synchrotron Radiation Facility, 152

Stanford Research Institute, 74

Strategic Bombing Survey, 96

Strategic Defense Initiative, 28, 37-38, 46-47, 74, 127, 144-145, 151, 152-53

Tartu University, 116

Technology transfer, 90-91

see also Information transfer

Technology transition, 91

Tomsk, boycott of military training in, 116

University of California, 33

University Research Initiative, 24, 88, 99, 100

U.S. MILITARY AND HIGHER EDUCATION: A BRIEF HISTORY, THE, Richard M.

Abrams, 15-28 USSR

civil defense, 111-12

military faculties and departments in higher education, 111, 116-17

military-patriotic education, 112

relationship between the military and higher education, 108-19

teachers from industry in higher education, 111

V-12 programs, 96

Vietnam war, 35-36, 47, 74, 85, 98, 127, 133-34, 143 VIEW OF THE BIG PERFORMERS, THE, Steven Muller, 120-29

"War research," 47-48, 50-51

Weapons technology, 97

WILSON, DAVID A., Consequential Controversies, 40-57

WILSON, DAVID A., Preface, 9-14

World War I, 95

World War II, 20, 31, 83, 95-96, 103, 122, 131

Young, Leo, 10

YOUNG, LEO, Electronics and Computing, 82-93

